

[Claim 2] A Ni-base brazing alloy, comprising Cr in an amount of 10 to 30 % by weight, P in an amount of 2 to 11 % by weight, Si in an amount of 1 to 10 % by weight, Mo in an amount of no more than 5 %, wherein the total amount of P and Si is 10 to 13 % by weight, and a remainder of Ni and unavoidable impurities.

[Claim 3] The Ni-base brazing alloy according to Claim 1 or Claim 2, comprising, as an unavoidable impurities providing no adverse affect to wettability and corrosion resistance, Fe in an amount of no more than 5 % by weight, Co in an amount or no more than 1 % by weight, Cu in an amount of no more than 1% by weight, Mn in an amount of no more than 0.5 % by weight, B in an amount of no more than 0.3% by weight, C in an amount of no more than 0.15 % by weight, other elements in an total amount of no more than 0.5 %, wherein a total amount of the impurities of no less than 7 %.

[Detailed Description of the Invention]

[0001]

[Field of the Invention]

The present invention relates to a Ni-base brazing alloy, the alloy having an outstanding wettability and corrosion resistance in the case where the alloy is used for brazing a metal to a metal and, in particular, in the case where the alloy is used in brazing a stainless steel with a stable oxide